digital revolutionized photography
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EOS 10D

Canon

EOS 10D

EOS 10D DIGITAL

Unleash Your Ambition

Ambition...Realized.

You're ready for a camera that can take you to a new place. A place where ambition becomes reality. Where potential is fulfilled… and then surpassed. Where at last your vision is fully expressed, made tangible, and available for all the world to see. You've waited long enough. Now it's time to take on your dream, and give yourself the power to achieve it.

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Excellence...Achieved.

See how far you can go, with image quality so accessible, so effortless, it inspires greatness. Success is built into every shot, with an astonishing 6.3 million pixels of resolution, futuristic DIGIC imaging engine, and Canon's own CMOS sensor. Create intense dimension. Reproduce color with literal fidelity. Capture life's details to your direction, and display it in all its gorgeous exuberance, quiet sublimity and surpassing beauty.

The DiG!C Advantage in Portraits Canon's DIGIC imaging engine truly shines in portraits. Color is natural and flattering, with smoothly gradated highlights and deeply detailed shadows. Ultra-high definition allows you to enlarge with confidence. And responsive processing lets you catch the subtlest expressions.

Lens: EF 70-200mm f/4L USM **Width x Height:** 3072 x 2048 pixels
ISO Speed: 100 **Aperture Value:** f/7.1 **Shutter Speed:** 1/320 **Shooting Mode:** Manual
Drive Mode: Continuous shooting **White Balance:** Auto

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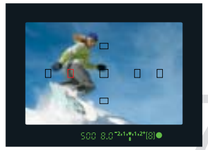
Performance...Optimized.

Experience the difference technical superiority makes. The camera's elevated speed informs its every operation and system, for singularly agile, responsive shooting. Comprehensive 7-point autofocus is virtually instantaneous. And performance options like continuous shooting at 3 frames per second with a burst of up to 9 shots are not only possible, but routine.



High-speed 7-Point AF is Ready for Action Great action shots come and go in an instant. When your subject's on the move, you'll appreciate the fact that the EOS 10D's AF speed and subject tracking matches or beats that of Canon's EOS Elan series SLRs.

Lens: EF 16-35mm f/2.8L USM **Width x Height:** 3072 x 2048 pixels
ISO Speed: 100 **Aperture Value:** f/8 **Shutter Speed:** 1/500 **Shooting Mode:** Manual
Drive Mode: Continuous shooting **White Balance:** Auto

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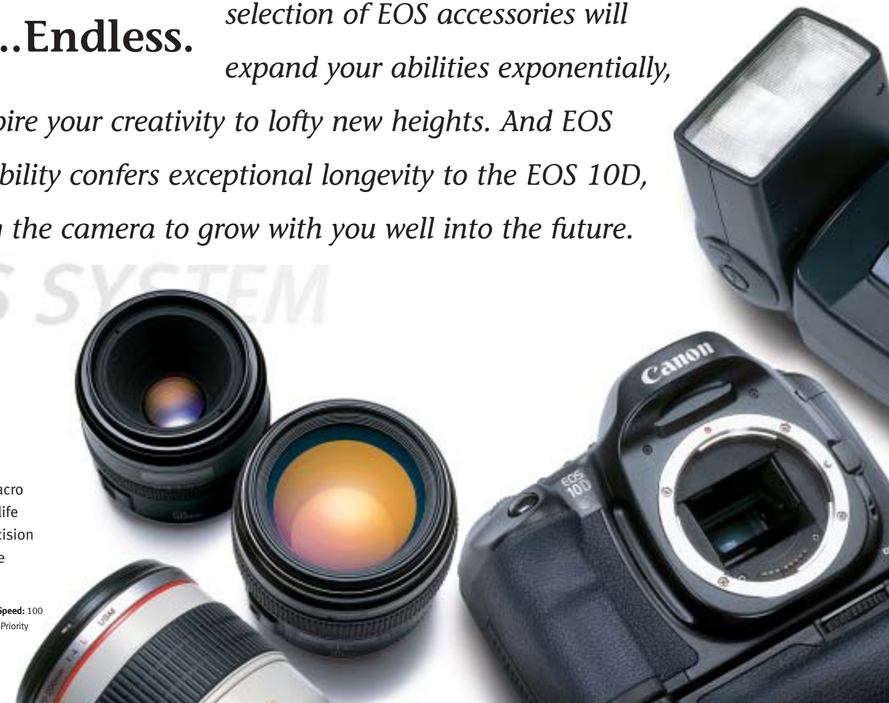
Owning the EOS 10D brings you into the exclusive world of Canon EOS. A world where you can use any Canon EF lens – a legend among professional photographers. An exciting selection of EOS accessories will expand your abilities exponentially, and inspire your creativity to lofty new heights. And EOS compatibility confers exceptional longevity to the EOS 10D, allowing the camera to grow with you well into the future.

Possibilities...Endless.

Macro Twin Lite MT-24EX

Perfection Up Close: the EOS System Create macro photography of startling clarity and larger-than-life impact when you access the EOS system of precision lenses and professional accessories used by the world's finest photographers.

Lens: EF 100mm f/2.8 Macro USM **Width x Height:** 3072 x 2048 pixels **ISO Speed:** 100
Aperture Value: f/2.8 **Shutter Speed:** 1/200 **Shooting Mode:** Shutter Speed Priority
Drive Mode: Continuous shooting **White Balance:** Auto



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Vision...Expressed.

Your vision is unique, and you want the images you create to reflect that individuality. When you're ready to take control, the EOS 10D gives you the power to make every image your own. From processing to light metering to exposure and white balance – even color space and custom functions – your own creative input, fueled by Canon technology, will take your photography from ordinary to extraordinary.

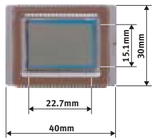
CUSTOMIZATION

Your Parameters, Your Image Custom image processing parameters can turn a much-photographed landscape into a fresh work of art. The EOS 10D allows ultra-fine adjustments to contrast, sharpness, color saturation and color tone in any combination, letting you bring your own point of view to any scene.

Lens: EF 85mm f/1.8 USM **Width x Height:** 3072 x 2048 pixels **ISO Speed:** 100
Aperture Value: f/8 **Shutter Speed:** 1/500 **Shooting Mode:** Manual
Drive Mode: Continuous shooting **White Balance:** Auto

Elevated Image Quality

Enhanced 6.3-Megapixel CMOS Sensor



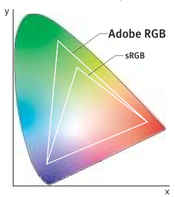
The camera uses a highly advanced CMOS (Complementary Metal Oxide Semi-conductor) Sensor to convert light into electrical signals. The large sensor has a 3:2 aspect ratio, traditional to 35mm film, for a compositional feel that will be instantly familiar. Peripheral circuitry improvements and a refined manufacturing process new to the EOS 10D make the sensor extremely precise. This new level of precision optimizes the camera's impressive 6.3-megapixel resolution to deliver quality that goes beyond mere pixel count. Images are luminescent, life-like, and incredibly rich in detail. In short, the EOS 10D confidently rivals film quality, while offering all the advantages of digital technology.

All New DiG!C Imaging Engine

The EOS 10D incorporates Canon's most advanced imaging technology: the DIGIC Imaging Engine. This ultra-capable new processor, even being fine-tuned to meet digital EOS image quality, creates images that are uncommonly well-defined, with color reproduction that is completely natural. Images come to life with superb gradation of highlight areas, a wide tonal range and detailed shadow areas. The processor renders signal noise (stray light or off-color pixels) minimal to nonexistent, for an extraordinary leap in technology that frees you to enlarge, crop and retouch with exceptional results. In addition to enhancing image quality, the DIGIC Imaging Engine's faster processing capability speeds overall operation and heightens the accuracy of the camera's auto-focus and other systems. Because the camera is quick, responsive and agile, your shooting experience is natural, intuitive and a pleasure. And when the great shots are ready, you are too.

Expanded Color Space

The camera has many features that make it ideal for knowledgeable photographers who want the opportunity to take their talent even further. One of these features is the ability to switch between standard sRGB color space and Adobe RGB color space. Adobe RGB color space is a broader-than-standard color spectrum with relatively low saturation. Use it when you plan to make fine adjustments to color saturation in your finished images.



Next-level Shooting Performance

7-point AF System with Selectable Superimposed Focusing Points

7-point AF lets you place your subject virtually anywhere in the frame, knowing that focus will be where you want it and absolutely accurate. The camera's AF sensor features 7 selectable focusing points configured in a wide cross-pattern across the imaging area. Because the focusing points reach so much of the screen, off-center coverage is superb. And because the focusing points are superimposed in the viewfinder and illuminated upon selection, you'll always know where the focus falls. Even if you're shooting in full automatic mode, no matter if the camera is oriented vertically or horizontally, you'll achieve precise focus without recomposing your shot.

At Canon, we know that the great shots don't wait around for AF systems to kick in. The EOS 10D's AF speed and subject tracking are as fast or faster than Canon's EOS Elan series SLRs'. When the perfect shot arrives, you'll be ready for it.

The camera's 3 distinct AF modes ensure the right AF for every situation:

One-Shot AF
Sharp, instant focus is locked in when the shutter is depressed halfway, allowing you to recompose the shot without losing focus.

Predictive AI Servo AF
The EOS 10D tracks the subject's movement, continually adjusting the lens drive and shutter release to predict, and achieve, amazingly precise focus. Perfect for sports, children, pets...any subject on the move.

AI Focus AF
You concentrate on getting the best shot while the camera decides which AF system to use. AI Focus AF allows the camera to switch automatically between One-Shot AF and AI Servo AF as the subject moves and stops.

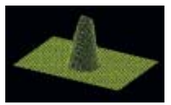
35-zone, AF Point-linked Evaluative Sensor and Triple Metering System

The camera's new evaluative sensor takes the guesswork out of exposure, an area that poses challenges for all photographers. The sensor takes metering information from 35 zones, evaluates the data and weighs it intelligently based on several factors. The result? Complex scenes are properly exposed, and multiple images of the same scene are consistent.

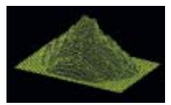
3 metering modes offer excellent flexibility:

35-zone Evaluative Metering
Professional results the easy way: because the system is linked to the AF point in use, metering emphasis falls on the subject. Exposure compensation is automatically activated when appropriate.

Partial Metering
This system offers careful metering of difficult lighting situations and close-ups by measuring 9% of the picture's center. The area measured is demarcated with a circle in the viewfinder.



Center-weighted Average Metering
A favorite of experienced photographers: metering is calculated over the entire image, yet emphasis is placed on the center subject.



Versatile Shooting Modes

Pre-programmed shooting modes optimize the camera's settings to best handle a variety of common shooting situations, including Portrait, Landscape, Close-up, Sports, and Night Portrait. There are also numerous other shooting modes, designed to give you exceptional latitude in creating the images you envision: Intelligent Program AE for fully automatic shooting, Program AE to let you experiment with shutter and aperture combinations, Shutter Priority AE, Aperture Priority AE, Depth of Field AE that lets you create a "zone of sharpness," Full Manual, Auto Exposure Bracketing (records 3 exposures in a customable range of up to +/-2 stops in 1/2- or 1/3-step increments), AE Lock and Flash Off Mode (which will also disable any external Speedlite in use).

A-DEP ***Auto Depth-of-field AE:*** The camera creates a custom "zone of sharpness" by setting the focus and aperture necessary to create sufficient depth of field to cover the distance between the nearest and furthest subjects covered by the 7 focusing points.

M ***Manual Exposure:*** This mode lets you take full creative control. Create any shutter speed/aperture combination, and turn built-in metering systems on or off.

Av ***Aperture-priority:*** Dramatic creative effects are easy, as the camera sets the shutter speed to your aperture selection.

Tv ***Shutter-priority:*** You can freeze high-speed action by setting shutter speed to as fast as 1/4000 second while the camera chooses an appropriate aperture.

P ***Program AE:***
This mode allows you to play with alternate shutter and aperture combinations while the camera maintains a constant exposure value.

Full Auto: This fully automatic mode lets you concentrate on other factors while the camera uses readings of the focal length, maximum lens aperture, film speed and available light to set the optimal combination of shutter speed and aperture value.

Portrait: A large aperture focuses the foreground subject while creating a beautifully blurred background.

Landscape: Sweeping scenery shots made easy: the camera selects smaller apertures, producing greater depth-of-field and sharply focused backgrounds.

Close-up: A moderate aperture and partial metering create subjects that stand out against the background at close distances.

Sports: AI Servo AF and fast shutter speeds freeze fast action for memorable shots.

Night Portrait: The aperture is set according to the brightness of the scene, creating well-illuminated foregrounds and backgrounds in this challenging situation.

Flash off: This option allows you to disable the built-in flash in addition to any external Speedlite in use.

High-end Design with EOS Handling

Expansive White Balance Controls

Proper use of white balance makes good images great, and the EOS 10D lets you take the kind of control over white balance that was once limited to the highest quality professional cameras.

Preset White Balance Settings

Presets correctly and easily compensate a wide variety of light sources: Daylight, Overcast, Shade, Tungsten, Fluorescent and Flash. There is also Hybrid Auto for effortless shooting, and Custom, which lets you shoot a white object in the given lighting, then lock in the proper white balance via a display on the LCD screen.

Daylight: For shooting outdoors on sunny days.

Overcast: For shooting outdoors on cloudy days.

Shade: New for the EOS 10D, counters strong blue tones typical in open shade on sunny days, approx. 7,000.

Tungsten: Provides a good balance with photofloods or incandescent household lights.

Fluorescent: Provides added emphasis to eliminate the green "spike" of common fluorescent tubes.

Flash: A good starting point with many studio Provides a good balance with photofloods or incandescent household lights.

Hybrid Auto: Ideal when you want the camera to be able to react to changing lighting conditions and automatically adjust white balance.

Custom: Precise method that uses a reference image of an 18% gray card or white object for maximum white balance accuracy.

	WB Mode	Color Temperature (Kelvin)
JPEG	1. Auto	Approx. 3000-7000 K
	2. Daylight	Approx. 5200 K
	3. Shade	Approx. 7000 K
	4. Overcast	Approx. 6000 K
	5. Tungsten	Approx. 3200 K
	6. Fluorescent	Approx. 4000 K
RAW	7. Flash	Approx. 6000 K
	8. Custom*1	Approx. 2000-1000 K
	9. Color Temperature*2	Approx. 2800-1000 K

*1: Custom: First take a picture of a white subject serving as the white balance standard. Then set the custom WB mode on the on-screen menu and to specify that image

*2: Color temperature specified directly with the "Color temperature" menu.

White Balance Bracketing

To ensure success in even the most difficult-to-read situations, the camera's WB bracketing system captures 3 images (normal, reddish and bluish) with one shot. You select the steps in +/-3 whole-stop increments, each equivalent to 5 mireds.

Pro-level Color Temperature Control

For the most precise level of control over color, the camera allows you to set white balance in kelvin values over a range of 2,800K to 10,000K in extremely fine 100K increments.

Customization Makes the EOS 10D Your Own

High-strength Metal Chassis, Ergonomic Design

The EOS 10D's design places it among Canon's highest-end cameras. Its chassis is constructed of an ultra-rigid magnesium alloy for solid reliability and extreme longevity. The camera's spherical grip and rubber skin provide exceptional comfort and handling. Go ahead and shoot all day: with an ergonomically-shaped shutter button and electronic dials, and intuitive button arrangement, even lengthy shooting sessions are comfortable and efficient.

Classic EOS Control Layout

Because it is part of Canon's EOS line, the EOS 10D's shutter button, electronic dials and other controls are arranged in their usual EOS positions, giving you a familiar EOS feel with advanced digital capability.

Expansive Custom Setting Options

With an unprecedented 17 custom functions and a total of 61 settings, you can quickly and easily make the EOS 10D operate as if it were designed just for you. The ability to fine-tune the camera's features, functions and settings to match your shooting style streamlines the startup at each shooting session, getting you in on the action faster.

Ultra-fine Processing Parameter Settings

Canon is committed to supporting your pursuit of excellence in photography with the most advanced creative tools. An example of this commitment is your ability to define key processing parameters (contrast, sharpness, color saturation and color tone) on the EOS 10D in 5 fine incremental settings.

Welcome to the EOS System: a World of Photographic Possibilities

RAW and JPEG at Any Resolution

The EOS 10D embeds a JPEG file into every RAW image you shoot, with exclusive software provided that enables the JPEG to be extracted quickly for immediate access. RAW files contain complete imaging information for ultimate latitude in processing parameter settings, while more compact JPEGs are ideal for quick previews or sending over the Internet. Having both formats frees you from deciding an end use before you shoot. While RAW files are always captured at maximum resolution, there are 6 options for the image quality (resolution/compression) of the embedded JPEG file. This allows the photographer to select the optimum file size and image quality according to the application.

The E-TTL Flash Exposure System

The camera's own built-in, pop-up flash provides stable, intelligently metered illumination, with automatic flash output reduction and red-eye reduction, and a creative slow-sync option. As a major advantage to photographers who want even more control, the camera is compatible with Canon's most advanced flash exposure control system: E-TTL (Evaluative Through-The-Lens). The system works with an attached EX-series dedicated Speedlite, using a pre-flash that the camera analyzes to compare ambient light exposure values with illumination reflected from the subject by the pre-flash. With this data, it calculates and stores the optimal flash output required for the main subject (according to the AF-point that has been selected), simultaneously balancing the foreground and background. The system ensures you of flash photography that is extremely accurate, with consistent, highly natural exposures in challenging lighting situations.

Extensive Flash Options

E-TTL also gives you access to professional photographic techniques that both inspire and support your most creative expression. With first- or second-curtain synchronization, moving objects come to life in low light. FE Lock lets you recompose shots while maintaining correct exposure in even the brightest light. High-speed Sync lets you set larger apertures for daylight fill-flash photography, creating beautiful background blur. Attach the Speedlite 550EX and Macro Twin Lite MR-14EX or Macro Twin Lite MT-24EX for Flash Exposure Bracketing (+/-3EV in 1/3- to 1/2-step increments) with a constant background exposure level.

Wireless Auto Flash System

With an attached Speedlite, the camera can control up to 3 groups of slave units (for main, fill and background flash) with no cumbersome connecting wires. Information is gathered from the ambient light and pre-flash readings from each slave group, stored in memory, and added into to the flash output calculation. Speedlites are then fired simultaneously. You'll even be able to set a flash ratio for the main and fill light slave groups to create custom illumination of a scene. This ratio can be adjusted from 8:1 to 1:1 or from 1:1 to 8:1 in 13 1/2-step increments. The background flash operates independently, and can be set for flash exposure compensation of +/-3 stops in 1/2-step increments for dramatic effects. Proof your shots and adjust them instantly with a digital preview on the color LCD monitor.

The World's Largest Selection of Autofocus Lenses Plus Inspirational EOS Accessories

Compatibility with the over 50 lenses in Canon's celebrated EF lens lineup is a major advantage of owning the EOS 10D. Professional photographers have made Canon EF lenses their first choice with good reason: each is micron-precision engineered to deliver unmatched resolution and superb operability. And Canon continually raises the bar, developing lens enhancements including Image Stabilization to eliminate camera shake, Ultrasonic Motor Technology for virtually silent operation, Aspherical optics and Fluorite elements for sharpness and color reproduction, and Diffractive Optics for incredibly small, light lenses with superior telephoto performance. Add compatible EOS system Speedlites, remote controls, power drive booster, grips and more, and the photographic possibilities are truly limitless.

Macro Ring Lite MR-14EX

Speedlite 420EX

Remote Control Switch RS-80N3

Battery Grip BG-ED3

Battery Pack BP-511

Charge Adapter/Car Battery Cable Kit CR-560

Battery Charger CB-5L

AC Adapter Kit ACK-E2

Connectivity Lets You Do More

Highly Functional Bundled Software

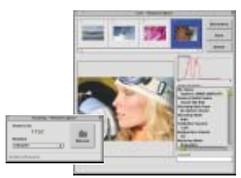
The camera includes a comprehensive Digital Solution Disk with a variety of software programs for Windows and Mac:

File Viewer Utility

Quickly preview and set parameters for RAW images and convert batches of RAW files to JPEG and TIFF formats. Customize camera functions on your computer.

RemoteCapture

Use your USB-interface computer to control the camera. Includes many common operations: shutter release, drive mode, recording quality, ISO speed, metering pattern, WB mode and more.



PhotoRecord

Works with ZoomBrowser EX to automatically create dynamic layouts, insert text anywhere on the page and print in fun ways with Canon BJ printers.

PhotoStitch

Combine sequential shots to create precisely "stitched" horizontal, vertical or 2x2 composite images.

ZoomBrowser EX (Image Browser for Mac)

An easy program for transferring, retouching, cataloging and managing digital images. ZoomBrowser EX has undergone a major overhaul, reorganized for speedy, streamlined operation and reliable, simplified file management. Functions, folders and steps are outlined in an easy-to-follow display.

TWAIN Driver

Connect the camera to a compatible PC (with the supplied USB cable) or a peripheral card reader. Then view and download images directly from the CompactFlash™ memory card.

WIA Driver

This enables the camera to take advantage of Microsoft's WIA (Window Image Acquisition) standard for Windows Me and XP. Connecting the camera to the computer lets Explorer download images directly, without the need for any other driver.

High-capacity (+2GB) CompactFlash™ Recording Media

Shoot more with fewer cards: the EOS 10D matches the professional-quality EOS-1 in its ability to handle recording media larger than 2GB. The camera automatically formats the CF card (for either FAT16 or FAT32) according to the card's maximum storage capacity.

Recording Format			File Size	Recording Capacity*
JPEG	Large	Fine	2.5MB	50 shots
		Normal	1.2MB	103 shots
	Middle	Fine	1.4MB	95 shots
		Normal	0.7MB	184 shots
	Small	Fine	0.8MB	145 shots
		Normal	0.4MB	282 shots
RAW	+Large	Fine	8.0MB	14 shots
		Normal	6.7MB	17 shots
	+Middle	Fine	6.8MB	16 shots
		Normal	6.2MB	18 shots
	+Small	Fine	6.4MB	18 shots
		Normal	6.0MB	19 shots

*Figures for the recording capacity apply to a 128 MB Compact Flash card. Based on Canon's Standard Test Method.

Print Direct with Exif Print Support

With the EOS 10D, you don't need your computer to print. Simply connect the camera to the Canon Card Photo Printer CP-10/100 or to any Bubble Jet Direct Photo Printer compatible model (S530D, S820D, S830D, i70, i450D, or i470D) and you are ready to shoot and print in seconds. The advantages are many: it's simple – no PC required, no memory card compatibility issues, and the increased printing convenience in the home, the office – even on location – can't be beat! For unequaled print quality, the camera supports Exif Print (Exchangeable Image Format File), a worldwide standard that records camera settings and shooting conditions right in the JPEG file created with each shot. When you're ready to print, the camera's software communicates with the Exif-enabled printer to adjust parameters based on the individualized information imbedded in each image. The resulting printed images are optimized to match your vision with great accuracy.

LENS CHART

Canon EF Lenses		Focus Drive	Angle of View (Diagonal)	Groups/ Elements	Minimum Aperture	Closest Focusing Distance		Filter Size	Lens Hood	Length		Weight	
					(f)	(ft.)	(m)	(mm)		(in.)	(mm)	(oz.)	(g)
Single Focal Length	Fish-eye EF 15mm f/2.8	AFD	180°	7-8	22	0.7	0.2	Gelatin	Built-in	2-7/16	62.2	11.6	330
	EF 14mm f/2.8L USM	USM	114°	10-14	22	0.8	0.25	Gelatin	Built-in	3-1/2	89.0	19.8	560
	EF 20mm f/2.8 USM	USM	94°	9-11	22	0.8	0.25	72	EW-75II	2-13/16	70.6	14.3	405
	EF 24mm f/1.4L USM	USM	84°	9-11	22	0.8	0.25	77	EW-83DII	3-1/8	77.4	19.4	550
	EF 24mm f/2.8	AFD	84°	10-10	22	0.8	0.25	58	EW-60II	1-7/8	48.5	9.5	270
	EF 28mm f/1.8 USM	USM	75°	9-10	22	0.8	0.25	58	EW-63II	2-3/16	55.6	10.9	310
	EF 28mm f/2.8	AFD	75°	5-5	22	1.0	0.3	52	EW-65II	1-11/16	42.5	6.5	185
	EF 35mm f/1.4L USM	USM	63°	9-11	22	0.98	0.3	72	EW-78CII	3-2/5	86.0	20.5	580
	EF 35mm f/2	AFD	63°	5-7	22	0.8	0.25	52	EW-65II	1-11/16	42.5	7.4	210
	EF 50mm f/1.4 USM	USM	46°	6-7	22	1.5	0.45	58	ES-71II	2	50.5	10.2	290
	EF 50mm f/1.8 II	MM	46°	5-6	22	1.5	0.45	52	ES-62#	1-5/8	41.0	4.6	130
	EF 85mm f/1.2L USM	USM	28° 30'	7-8	16	3.1	0.95	72	ES-79II	3-5/16	84.0	2.3 lb.	1,025
	EF 85mm f/1.8 USM	USM	28° 30'	7-9	22	2.8	0.85	58	ET-65III	2-13/16	71.5	14.9	425
	EF 100mm f/2 USM	USM	24°	6-8	22	2.9	0.9	58	ET-65III	2-7/8	73.5	16.1	460
	EF 135mm f/2L USM	USM	18°	8-10	32	2.95	0.9	72	ET-78II	4-7/16	112.0	26.3	750
	EF 135mm f/2.8 w/ Soft Focus	AFD	18°	6-7	32	4.3	1.3	52	ET-65III	3-7/8	98.4	13.8	390
	EF 200mm f/1.8L USM	USM	12°	10-12	32	8.2	2.5	48 DI	ET-123	8-3/16	208.0	6.6 lb.	3,000
	EF 200mm f/2.8L II USM	USM	12°	7-9	32	4.92	1.5	72	ET-83BII	5-3/8	136.2	26.8	765
	EF 300mm f/2.8L IS USM	USM	8° 15'	13-17	32	8.2	2.5	52 DI	ET-120	9-7/8	252.0	5.6 lb.	2,550
	EF 300mm f/4L IS USM	USM	8° 15'	11-15	32	4.92	1.5	77	Built-in	8-11/16	221.0	2.6 lb.	1,200
	EF 400mm f/2.8L IS USM	USM	6° 10'	13-17	32	9.8	3.0	52 DI	ET-155	13-11/16	349.0	11.7 lb.	5,300
	EF 400mm f/4 DO IS USM	USM	6° 10'	13-17	32	11.5	3.5	52 DI	ET-120	9-7/16	232.7	4.3 lb.	1,940
	EF 400mm f/5.6L USM	USM	6° 10'	6-7	32	11.5	3.5	77	Built-in	10-1/16	256.0	2.8 lb.	1,250
	EF 500mm f/4L IS USM	USM	5°	13-17	32	14.8	4.5	52 DI	ET-138	15-3/16	387.0	8.5 lb.	3,870
	EF 600mm f/4L IS USM	USM	4° 10'	13-17	32	18.0	5.5	52 DI	ET-160	18	456.0	11.8 lb.	5,360
	EF 1200mm f/5.6L USM▼	USM	2° 05'	10-13	32	46.0	14.0	48 DI	Built-in	33	836.0	36.4 lb.	16,500
Macro	MP-E 65mm f/2.8 1-5x Macro*	Manual	18° 40' (at 1x)	8-10	16	0.8	0.24	58	–	3-7/8	98.0	25.8	730
	EF 50mm f/2.5 Compact Macro	AFD	46°	8-9	32	0.75	0.23	52	–	2-1/2	63.0	9.9	280
	EF 100mm f/2.8 Macro USM	USM	24°	8-12	32	1.0	0.31	58	ET-67	4-11/16	119.0	21.1	600
	EF 180mm f/3.5L Macro USM	USM	13° 40'	12-14	32	1.57	0.48	72	ET-78II	7-3/8	186.6	2.4 lb.	1,090
Tilt-Shift	TS-E 24mm f/3.5L*	Manual	84°	9-11	22	1.0	0.3	72	EW-75BII	3-7/16	87.0	1.2 lb.	570
	TS-E 45mm f/2.8*	Manual	51°	9-10	22	1.3	0.4	72	EW-79BII	3-9/16	90.0	1.4 lb.	645
	TS-E 90mm f/2.8*	Manual	27°	5-6	32	1.6	0.5	58	ES-65III	3-7/16	88.0	1.2 lb.	565
Extenders	EF 1.4x II**	–	–	4-5	–	–	–	–	–	1-1/16	27.2	7.8	220
	EF 2x II**	–	–	5-7	–	–	–	–	–	2-5/16	57.9	9.3	265
	Life Size Converter EF ***	–	–	3-4	–	–	–	–	–	1-3/8	34.9	5.6	160
Zooms	EF 16-35mm f/2.8L USM	USM	108°10'-63°	10-14	22	0.92	0.28	77	EW-83E	4-1/8	103	1.3 lb.	600
	EF 17-40mm f/4L USM	USM	74°-29°	9-12	22	0.92	0.28	77	EW-83E	3-6/13	96.8	17.6	500
	EF 20-35mm f/3.5-4.5 USM	USM	94°-63°	11-12	22-27	1.1	0.34	77	EW-83II	2-3/4	69.0	11.9	340
	EF 24-85mm f/3.5-4.5 USM	USM	84°-28° 30'	12-15	22-32	1.6	0.5	67	EW-73II	2-3/4	69.5	13.4	380
	EF 24-70mm f/2.8L USM	USM	74°-29°	13-16	22	1.25	0.38	77	EW-83F	4-7/8	123.5	2.1 lb.	950
	EF 28-80mm f/3.5-5.6 II	MM	75°-30°	10-10	22-38	1.25	0.38	58	EW-60C	2-13/16	71.2	7.0	200
	EF 28-90mm f/4-5.6 II USM	USM	75°-27°	8-10	22-32	1.25	0.38	58	EW-60C	2-13/16	71.0	6.7	190
	EF 28-90mm f/4-5.6 II	MM	75°-27°	8-10	22-32	1.25	0.38	58	EW-60C	2-13/16	71.0	6.3	180
	EF 28-105mm f/3.5-4.5 II USM	USM	75°-23° 20'	12-15	22-27	1.6	0.5	58	EW-63II	3	75.0	13.1	375
	EF 28-105mm f/4-5.6 USM	USM	75°-23° 20'	9-10	22-32	1.57	0.48	58	EW-63B	2-11/16	68.0	7.4	210
	EF 28-135mm f/3.5-5.6 IS USM	USM	75°-18°	12-16	22-36	1.6	0.5	72	EW-78BII	3-13/16	96.8	18.9	540
	EF 28-200mm f/3.5-5.6 USM	USM	75°-12°	12-16	22-36	1.5	0.45	72	EW-78D	3-1/2	89.6	17.6	500
	EF 35-80mm f/4-5.6 III	MM	63°-30°	8-8	22-32	1.3	0.4	52	EW-54II	2-1/2	63.5	6.1	175
	EF 35-350mm f/3.5-5.6L USM	USM	63°-3° 30'	15-21	22-32	2.0	0.6	72	EW-78II	6-9/16	167.0	3.0 lb.	1,385
	EF 70-200mm f/2.8L IS USM	USM	34°-12°	18-23	32	4.6	1.4	77	ET-86	7-13/16	198.1	3.2 lb.	1,470
	EF 70-200mm f/2.8L USM	USM	34°-12°	15-18	32	4.9	1.5	77	ET-83II	7-5/8	193.6	2.9 lb.	1,310
	EF 70-200mm f/4L USM	USM	34°-12°	13-16	32	3.9	1.2	67	ET-74	6-7/8	172.0	25.0	710
	EF 75-300mm f/4-5.6 IS USM	USM	32°11'-8°15'	10-15	32-45	4.9	1.5	58	ET-64II	5-7/16	137.2	1.5 lb.	670
	EF 75-300mm f/4-5.6 III USM	USM	32°11'-8°15'	9-13	32-45	4.9	1.5	58	ET-60	4-13/16	122.1	16.8	480
	EF 75-300mm f/4-5.6 III	MM	32°11'-8°15'	9-13	32-45	4.9	1.5	58	ET-60	4-13/16	122.1	16.8	480
	EF 80-200mm f/4.5-5.6 II	MM	30°-12°	7-10	22-27	4.9	1.5	52	ET-54	3-1/8	78.5	8.8	250
	EF 100-300mm f/4.5-5.6 USM	USM	24°-8° 15'	10-13	32-38	4.9	1.5	58	ET-65III	4-3/4	121.0	1.2 lb.	540
	EF 100-400mm f/4.5-5.6L IS USM	USM	24°-6° 10'	14-17	32-40	5.9	1.8	77	ET-83C	7-7/16	189.0	3.0 lb.	1,360

USM = Ultrasonic Motor; AFD = Arc Form Drive; MM = Micro Motor; DI = Drop-In Filter; L = L-Series Professional Lens; # = With Hood Adapter 62; ▼ Special order item

* TS-E AND MP-E lenses are manual focus only, with automatic diaphragm.

** Extenders EF 1.4x II and EF 2x II are for exclusive use with EF 70-200mm f/2.8L, 70-200mm f/2.8L IS, 70-200mm f/4L, 100-400mm f/4.5-5.6L, 135mm f/2L, 180mm f/3.5L Macro, 200mm f/1.8L, 200mm f/2.8L, 300mm f/2.8L IS, 300mm f/4L, 300mm f/4L IS, 400mm f/2.8L IS, 400mm f/4 DO IS, 400mm f/5.6L, 500mm f/4L IS, 600mm f/4L IS, and 1200mm f/5.6L. (Manual focus only when EF 1.4x II is used with EF 100-400mm f/5.6L, 400mm f/5.6L, 500mm f/4L IS, 1200mm f/5.6L, and with 180mm f/3.5 Macro when focused closer than 2.6 feet; or with Extender EF 2x II when used with EF 70-200mm f/4L, 100-400mm f/4.5-5.6L, 180mm f/3.5L Macro, 300mm f/4L IS, 300mm f/4L, 400mm f/4 DO IS, 400mm f/5.6L, 500mm f/4L, 500mm f/4L IS, 600mm f/4L, and 1200mm f/5.6L).

*** Life Size Converter EF is for exclusive use with EF 50mm f/2.5 Compact Macro.

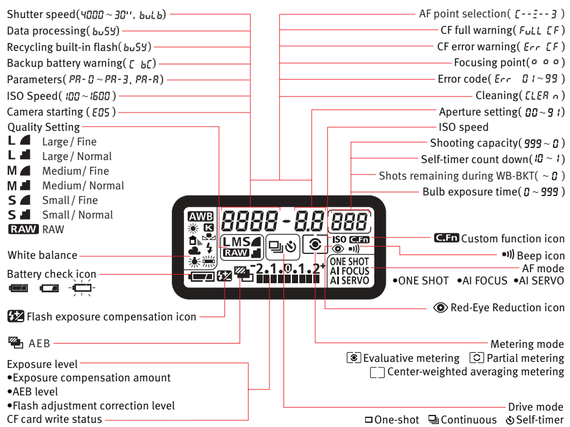
Subject to change without notice.

CUSTOM FUNCTION CHART

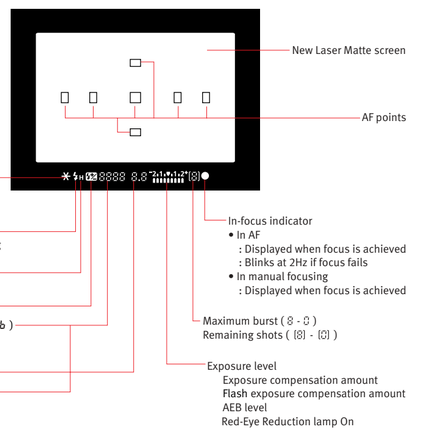
Custom Function Number	Function Description	Setting	Final Outcome
C. Fn-01	SET button function when shooting	0	Default (No function)
		1	Change quality
		2	Change parameters
		3	Menu display
		4	Image Display
C. Fn-02	Shutter release w/o CF card	0	Possible w/o CF card
		1	Not Possible
C. Fn-03	Flash sync speed in Av mode	0	Auto
		1	1/200 sec. (Fixed)
C. Fn-04	Shutter button/AE lock button	0	AF/AE lock
		1	AE lock/AF
		2	AF/AF lock no AE lock
		3	AE/AF no AE lock
C. Fn-05	AF-assist light/Flash firing	0	Enabled/Enabled
		1	Disabled/Enabled
		2	External Speedlite only/Enabled
		3	Enabled/Disabled
C. Fn-06	Exposure setting increments	0	1/2-stop
		1	1/3-stop
C. Fn-07	AF point registration	0	Center AF point
		1	Bottom
		2	Right
		3	Extreme right
		4	Automatic Selection
		5	Extreme left
		6	Left
		7	Top
C. Fn-08	RAW+JPEG image recording	0	RAW+Middle/Fine
		1	RAW+Middle/Normal
		2	RAW+Small/Fine
		3	RAW+Small/Normal
		4	RAW+Large/Fine
		5	RAW+Large/Normal
C. Fn-09	Bracketing sequence/Auto cancel	0	0 → - → +/Enabled
		1	0 → - → +/Disabled
		2	0 → 0 → +/Enabled
		3	0 → 0 → +/Disabled
C. Fn-10	Superimposed display	0	Enabled
		1	Disabled
C. Fn-11	Menu display position	0	Preceding menu (goes to top when power off)
		1	Preceding menu
		2	Top menu
C. Fn-12	Mirror lockup	0	Disabled
		1	Enabled
C. Fn-13	Assist button function	0	Normal
		1	Change to HP
		2	Change to HP (When held down)
		3	AV+ (Quick Control Dial: AF point selection)
		4	FE lock
C. Fn-14	Daylight sync and automatic flash output reduction	0	Enabled
		1	Disabled
C. Fn-15	Flash sync timing	0	Front-curtain sync
		1	Rear-curtain sync
C. Fn-16	Safety shift setting	0	Disabled
		1	Enabled
C. Fn-17	Lens AF stop button function	0	AF stop
		1	AF start
		2	AE lock (during metering)
		3	AF point manual → Auto Auto → Center
		4	ONE SHOT ⟷ AI SERVO
		5	Image Stabilizer operation

NOMENCLATURE

LCD PANEL INFORMATION



VIEWFINDER INFORMATION


New Laser Matte screen
AF points
AE Lock/FE Lock indicator
AEB in-progress
Flash-ready indicator
FE Lock underexposure warning
High-speed sync indicator
(FP flash)
Flash exposure compensation
Shutter speed (4000 -30", bulb)
Data processing (busy)
FE Lock (FEL)
Aperture value (00-91)
CF full warning (Full CF)
CF error warning (Err CF)
No CF card warning (CF)
In-focus indicator
• In AF
: Displayed when focus is achieved
: Blinks at 2Hz if focus fails
• In manual focusing
: Displayed when focus is achieved
Maximum burst (0 - 9)
Remaining shots (0 - 9)
Exposure level
Exposure compensation amount
Flash exposure compensation amount
AEB level
Red-Eye Reduction lamp On

SPECIFICATIONS

TYPE
Type: Digital AF/AE SLR
Recording Medium: Type I and II CF card
Image Size: 22.7 x 15.1 mm (0.89 x 0.59 in.)
Compatible Lenses: Canon EF lenses. (Focal length conversion factor: Equivalent to approx. 1.6x indicated focal length compared to 35mm format.)
Lens Mount: Canon EF mount

IMAGING ELEMENT
Type: High-sensitivity, high-resolution, single-plate, color CMOS
Pixels: Effective pixels: Approx. 6.5 megapixels
Total pixels: Approx. 6.52 megapixels
Aspect Ratio: 3:2
Color Filter System: RGB primary color filter
Low-pass Filter: Located in front of the imaging element, non-removable

RECORDING SYSTEM
Recording Format: Design rule for Camera File system (JPEG) and RAW. Exif 2.2 compliant.
Image Format: JPEG and RAW
File Size (on CF card):); JPEG: (1) Large/Fine: Approx. 2.4 MB (3072 x 2048), (2) Large/ Normal: Approx.1.2 MB (3072 x 2048), (3) Middle/Fine: Approx. 1.3 MB (2048 x 1360), (4) Middle/Normal: Approx. 0.7 MB (2048 x1360), (5) Small/Fine: Approx. 0.8 MB (1536 x 1024), (6) Small/ Normal: Approx. 0.4 MB (1536 x 1024); RAW: (7) Large/Fine: Approx. 8.0 MB (3072 x 2048), (8) Large/ Normal: Approx.6.7 MB (3072 x 2048), (9) Middle/Fine: Approx. 6.8 MB (3072 x 2048), (10) Middle/Normal: Approx. 6.2 MB (3072 x 2048), (11) Small/Fine: Approx. 6.4 MB (3072 x 2048), (12) Small/ Normal: Approx. 6.0 MB (3072 x 2048)
Folder Setting: Automatic
File Numbering: (1) Serial numbering, (2) Auto reset
Processing Parameters: Standard parameters plus up to three custom processing parameters can be set
Interface: USB 2.0 Full-speed

WHITE BALANCE
Settings: Auto (Auto, daylight, shade, cloudy, tungsten light, fluorescent light, flash), Manual (Custom: read off 18% gray card or white subject, color temperature)

VIEWFINDER
Type: Eye-level SLR (with fixed pentaprism)
Coverage: Approx. 95% vertically and horizontally (Coverage against JPEG Large)
Magnification: 0.88x (-1 diopter with 50mm lens at infinity)
Eyepoint: 20mm
Built-in Diopric Correction: -3.0 ~ +1.0 diopter
Focusing Screen: Fixed, new laser matte screen
Mirror: Quick-return half mirror (Transmittance: reflectance ratio of 40:60, no mirror cut-off with lenses up to EF 600mm f/4)
Viewfinder Information: AF points, AE lock, FE lock, AEB in progress, flash ready, improper FE lock warning, high-speed sync, flash exposure compensation, shutter speed, bulb, FE lock, processing data, aperture, exposure level (exposure compensation, manual exposure level, AEB level, flash exposure compensation, red-eye reduction lamp-on indicator), Max. burst during continuous shooting, Shots remaining, AF/MF focus confirmation, CF card full, CF card error, no CF card
Depth-of-field: Enabled with depth-of-field preview button
Eyepiece Shutter: None

AUTOFOCUS
Type: TTL-CT-SIR CMOS sensor (TTL CrossType secondary image Registration)
AF Points: 7
AF Working Range: EV 0.5 -18 (at ISO 100)
Focusing Modes: One-Shot AF, Predictive AI Servo AF, AI Focus AF (10D automatically selects One-Shot AF or AI Servo AF), Manual focusing (MF)
AF Point Selection: Automatic selection, manual selection, home position
Selected AF Point Display: Superimposed in viewfinder and indicated on LCD panel.
AF-assist Beam: Intermittent firing of built-in flash, effective range: approx. 13.1ft/4m at center, approx. 11.5ft/3.5m at periphery

EXPOSURE CONTROL
Metering Modes: Metering Modes: Max. aperture TTL metering with 35-zone SPC. (1) Evaluative metering, (2) Partial metering at center (approx. 9% of viewfinder), (3) Centerweighted average metering
Metering Range: EV 1-20 20 (at 20°C with 50mm f/1.4 lens at ISO 100)
Exposure Control Systems: Program AE (shiftable), shutter-priority AE, aperture-priority AE, depth-of-field AE, full auto, programmed image control modes (Portrait, Landscape, Close-up, Sports, Night Portrait, and Flash OFF), E-TTL auto flash program AE, and manual.
ISO Speed Range: Equivalent to ISO 100-1600 (ISO 3200 available via Custom Function)
Up to +/-2 stops in 1/2 or 1/3-stop increments (1) AEB (Auto exposure bracketing). (2) Manual exposure compensation. (3) Flash exposure compensation.
AE Lock: Auto: Operates in One-Shot AF mode evaluative metering when focus is achieved. Manual: Enabled with AE lock button. No AE lock in Basic Zone modes.

SHUTTER
Type: Vertical-travel, mechanical, focal-plane shutter with all speeds electronically-controlled.
Shutter Speeds: 1/4000 to 30 sec. (1/3 and 1/2-stop increments), bulb, flash-sync at 1/200 sec.
Shutter Release: Soft-touch electromagnetic release
Noise Reduction: None (Not necessary)
Self-timer: 10-sec. delay.
Remote Control: Remote control with N3 type terminal

FLASH
Built-in Flash: Type: Auto pop-up, retractable, built-in flash in the pentaprism hump with serial control.
Guide No: 13/43 (at ISO 100 in meters/feet)
Recycling time: Approx. 3 sec.
Flash ready indicator: Flash-ready icon lights on in viewfinder
Flash coverage: Up to 18mm focal length (equivalent to 28mm in 35mm format)
EOS-dedicated Speedlite: E-TTL auto flash with EX series Speedlite.
PC Terminal provided.

DRIVE SYSTEM
Drive Modes: Single, Continuous, Self-timer
Continuous Shooting Speed: Approx. 3 fps (at 1/250 sec. or faster for all recording qualities) Max. Burst During Continuous Shooting: 9 shots
Max. Burst During Continuous Shooting: 8 shots

LCD MONITOR
Type: TFT color LCD monitor
Monitor Size: 1.8 inches
Pixels: Approx. 118,000 pixels (Displayed pixels)
Coverage: Approx. 100% (for JPEG images)
Brightness Adjustment: 5-levels (settable with menu's "LCD brightness")

IMAGE PLAYBACK
Image Display Format: (1) Single image, (2) Single image with information, (3) 9-image index, (4) Enlarged, (5)Auto play
Highlight Alert: In the single image with information display mode, the high-light portions containing no image information will blink.

IMAGE PROTECTION AND ERASE
Protection: A single image can be protected or unprotected
Erase: A single image or all images stored in a CompactFlash card can be erased if they are unprotected.

MENUS
Menu Categories: (1) Shooting Menus [8], (2) Playback Menus [4], (3) Setup Menus [14]
LCD Monitor Language: English, German, French, Dutch, Danish, Finnish, Italian, Norwegian, Swedish, Spanish, Chinese (simplified), and Japanese.
Firmware Updating: Enabled by the user

CUSTOMIZING FUNCTION
Custom Functions: 17 Custom Functions with 61 settings settable with the camera.
Custom Image Processing Parameters: 3 sets of combined parameters available (contrast, sharpness, color saturation and color tone)

POWER SOURCE
Battery: One Battery Pack BP-511 (lithium ion rechargeable battery)
Number of Shots:

Configuration		No Flash Used	50% with Flash
Body	Normal temp (68°F/20°C)	650 frames	500 frames
	Low temp (32°F/0°C)	500 frames	400 frames
w/BG-ED3 (BP-511x2)	Normal temp (68°F/20°C)	1300 frames	1000 frames
	Low temp (32°F/0°C)	1000frames	800 frames

DIMENSIONS AND WEIGHT
Dimensions (W x H x D): 5.9 x 4.2 x 3.0 in. / 149.7 x 107.5 x 75mm
Weight: 27.9 oz. / 790g

WORKING CONDITIONS
Working Temperature Range: 0 - 40° C / 32-104° F
Working Humidity: 85% or less

• All the specifications above are based on Canon's testing and measuring standards.
• The camera's specifications and physical appearance are subject to change without notice.

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Compatible Operating Systems and Computer Environments

Platform	Windows		Macintosh	
Computer	IBM PC/AT-compatible machinecompliant USB port		Macintosh computer with USB portas standard	
CPU	Windows 98 SE/Me/2000: 150 MHz Pentium or better Windows XP: 300 MHz Pentium or better		Power PC	
Operating System	Windows 98 SE/Me/2000/XP *Pre-installed systems only		Mac OS 9.0 ~ 9.2 Mac OS X (10.1, 10.2) *USB Mounter requires Mac OS 9.0 or later	
RAM	Windows 98 SE/Me/2000: 64 MB or better Windows XP: 128 MB or better		Minimum 64 MB assigned as program memory (128 MB or better recommended)	
Interface	USB			
Available hard disk space (MB/or better)	TWAIN Driver	30	ImageBrowser	20
	WIA Driver	30	PhotoStitch	30
	RAW Image Converter	30	RemoteCapture	15
	RemoteCapture	20	File Viewer Utility	100
	ZoomBrowser EX	120		
	PhotoStitch	40	Adobe Photoshop Elements 2.0	350
	Adobe Photoshop Elements 2.0	150		
Display	Min. 800 x 600 dots, 256 (8-bit) colors, 1024 x 768 dots, High Color (16-bit) recommended		Min. 800 x 600 dots, 256 colors, 1024 x 768 dots, 32,000 colors recommended	
Other	CD-ROM drive required for installation.			

System Chart